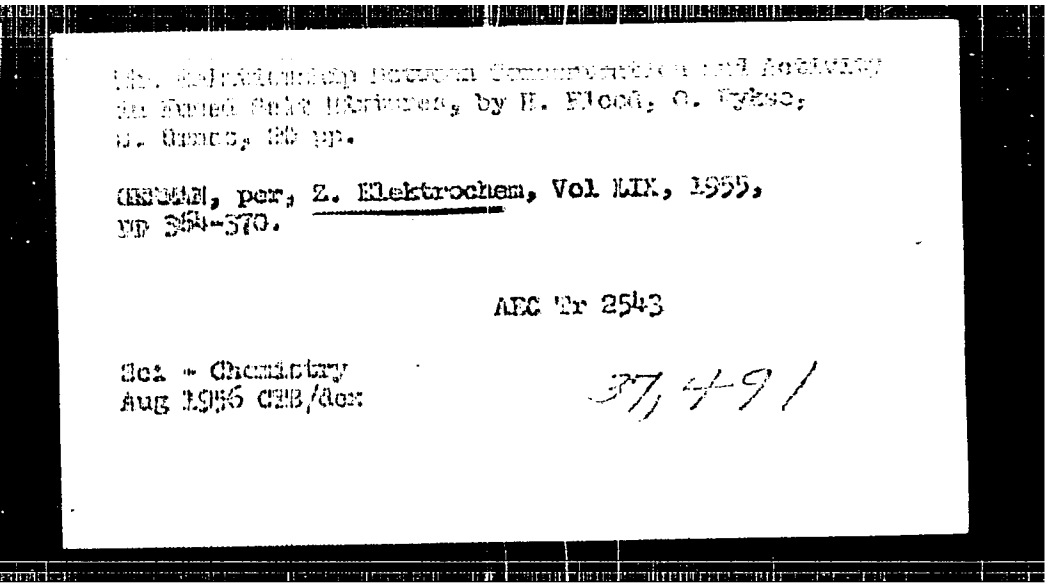
APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7



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(Reprint, per, Z. Elektrochem, Vol LIX, 1955, pp 954-970.

AEC Tr 2543

Doc - Chemistry
Aug 1956 CSB/Doc

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7

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The Absorption of Oxygen on W Studied by a Field Ion Microscope, by E. W. Muller.
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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7

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On the Mechanism of the Oxidation of Cu_2O at High Temperatures, by Karl Hauffe, Per Kofstad

GERMAN, per, Zeit Elektrochem, Vol LIX, No 5, 1955, pp 399-404.

AEC Tr 2366
Assoc Tech Sv Tr 96070

Scientific - Chemistry, electrochemistry
Feb 56 CTS/dex

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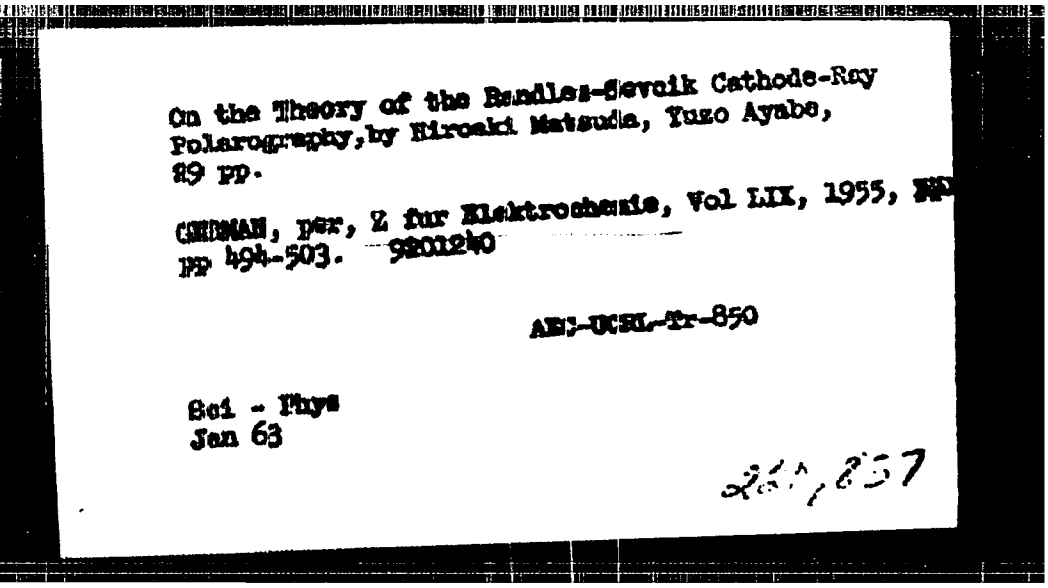

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CHEMMAN, per, Z fur Elektrochemie, Vol LIX, 1955, pp 494-503. 9201240

AEC-UCRL-Tr-850

Sci - Phys
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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7

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Information on the Electrolysis of Fused Salts, by P. Drossbach, 30 pp.

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Sci - Chemistry
March 57 CMB/dex

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7

Strohmeier, W. and Nuzzal, K.
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Order from SLA $1.10 TT-64-16559

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(Chemistry--Physical, TT, v. 12, no. 3)

TT-64-16559

I. Strohmeier, W.
II. Nuzzal, K.

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7

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Influence and Elimination of Ferromagnetic Susceptibility During Magneto-Chemical Investigations Employing the Cylinder Method, by A. Knappwost.

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UKAEA/D/Lib/Tr 53

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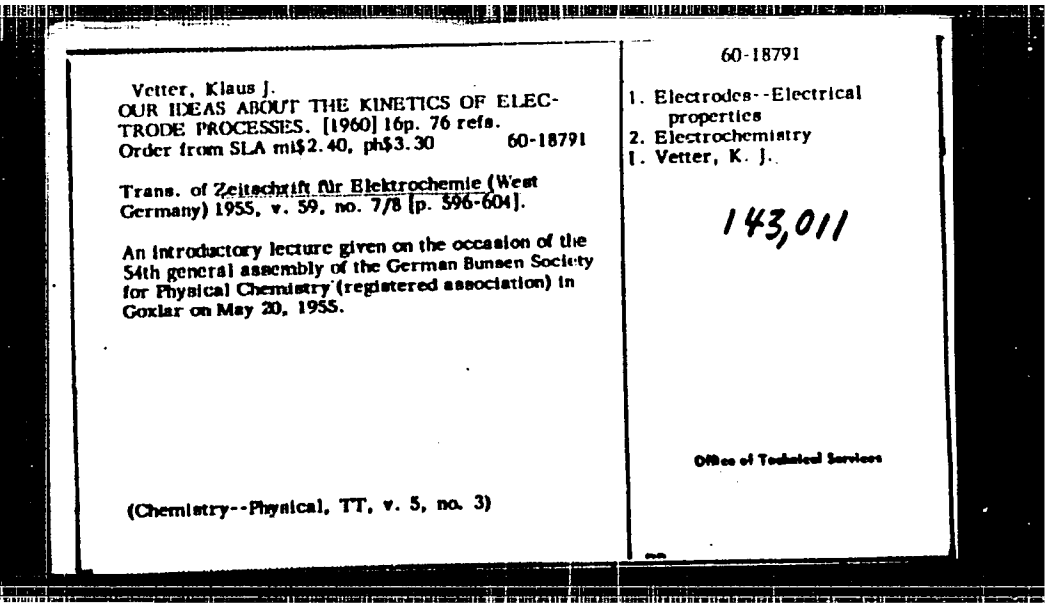

Vetter, Klaus J.
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Order from SLA mi$2.40, ph$3.30 60-18791

Trans. of Zeitschrift für Elektrochemie (West Germany) 1955, v. 59, no. 7/8 [p. 596-604].

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(Chemistry--Physical, TT, v. 5, no. 3)

60-18791

1. Electrodes--Electrical properties
2. Electrochemistry
I. Vetter, K. J.

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7

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Vol 59, 1955, pp 663-666.
NASA TT F-11,511

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Theoretical Evaluation of Electrode Potentials, by Makishima Shoji.

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CEGB/C.E. Trans 5209

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7

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Measurement of the Absorption of Potential-determining Ions on Electrodes Using the Method of Nonsteady Concentration Polarization, by W. Lorenz.
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CHEM/C.E. Trans 5208

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AEC [4](NRC-TT-1567) [5]ELECTROCHEMICAL POTENTIAL SERIES OF THE SULPHIDES. [6]Noddack, W.; Wrabetz, K.; Herbst, W. [10]Translated by D. A. Sinclair (National Research Council of Canada, Ottawa), from [11]Z. Elektrochem.; 59: No. 7-8, 752-5 (1955). [20]12p. [24]Dep. NTIS (U. S. Sales Only).

[26]chemistry (physical); translations 07J

[28]MN-4 [29]NP NSA

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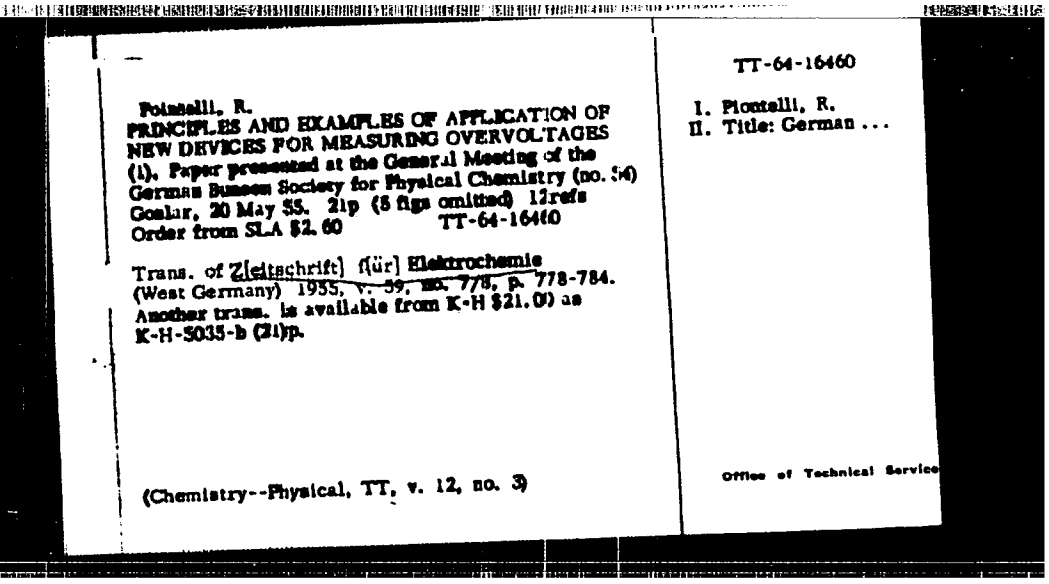

Piontelli, R.
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Order from SLA $2.60 TT-64-16460

Trans. of Z[eitschrift] f[ür] Elektrochemie (West Germany) 1955, v. 59, no. 778, p. 778-784.
Another trans. is available from K-H $21.00 as K-H-5035-b (21)p.

(Chemistry--Physical, TT, v. 12, no. 3)

TT-64-16460

I. Piontelli, R.
II. Title: German ...

Office of Technical Service

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7

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PRINCIPLESAND EXAMPLES OF APPLICATION OF NEW DEVICES FOR MEASURING OVERVOLTAGES, I. [1963] 21p (figs omitted)
Order from K-H $21.00 K-H-5035-b

Trans. of Zeitschrift für Elektrochemie (West Germany) 1955, v. 59 [no. 7/8] p. 778-784.

DESCRIPTORS: *Measuring devices (Electrical and electronic), Electrochemistry,

(Chemistry--Physical, TT, v. 10, no. 12)

63-22817

1. Title: Overvoltage
I. Pionetelli, R.
II. K-H-5035-b
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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SLA 59-10081

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Adsorption Phenomena and Electrochemical Kinetics,
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CSIRO-2976

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GERMAN, per. Z. Elektrochem., 59, 1955, pp 849-860.
*NBS TT 70-57307

Sci-Mat.
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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7

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AEC Tr 2691

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The Initiation of Spherical Detonation Waves in Gas Mixtures, by H. Freiwald, H. Ude.

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B.M.R.E. Tr 3921
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Sci - Physics
Mar 57 CTS/dex

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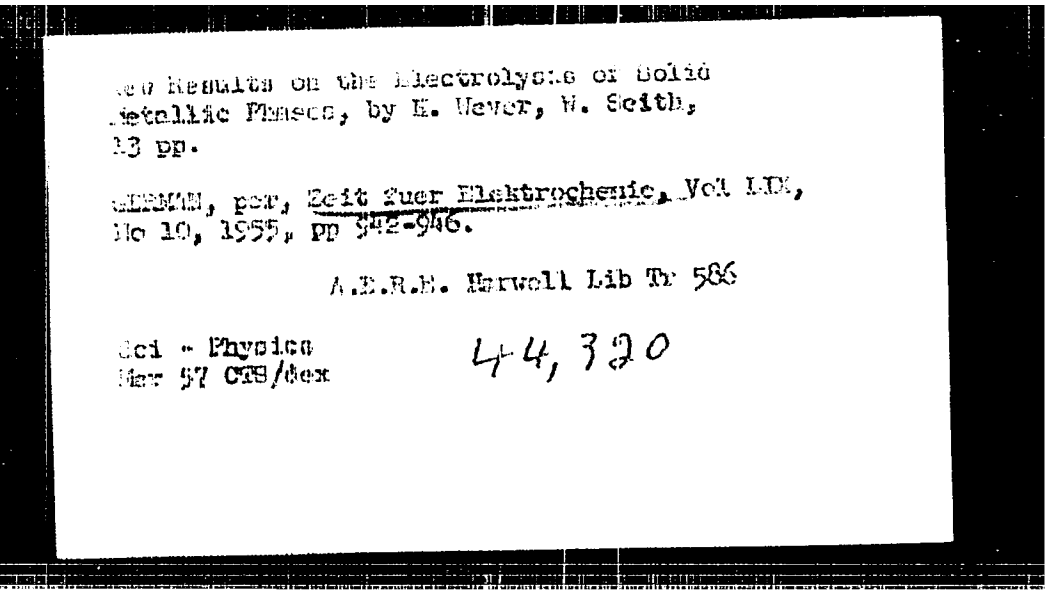

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A.E.R.E. Harwell Lib Tr 586

Sci - Physics
Mar 57 CTS/Dex

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7

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S.L.A. Tr No 57-115

Sci - Chemistry
Apr 57

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SLA 60-23451

Vol V, No 5
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*JPRS for Picatinny Arsenal
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Ultra-Violet Investigations Concerning the C-O and the C-NH Chromophore, by J. Schurz, E. Treiber, and H. Toplak, 7 pp.

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AEC Tr 3097

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Determination of the Average Molecular Weight (M_n) of Polymolecular Substances, by G. V. Schulz.

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Sci

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May 60

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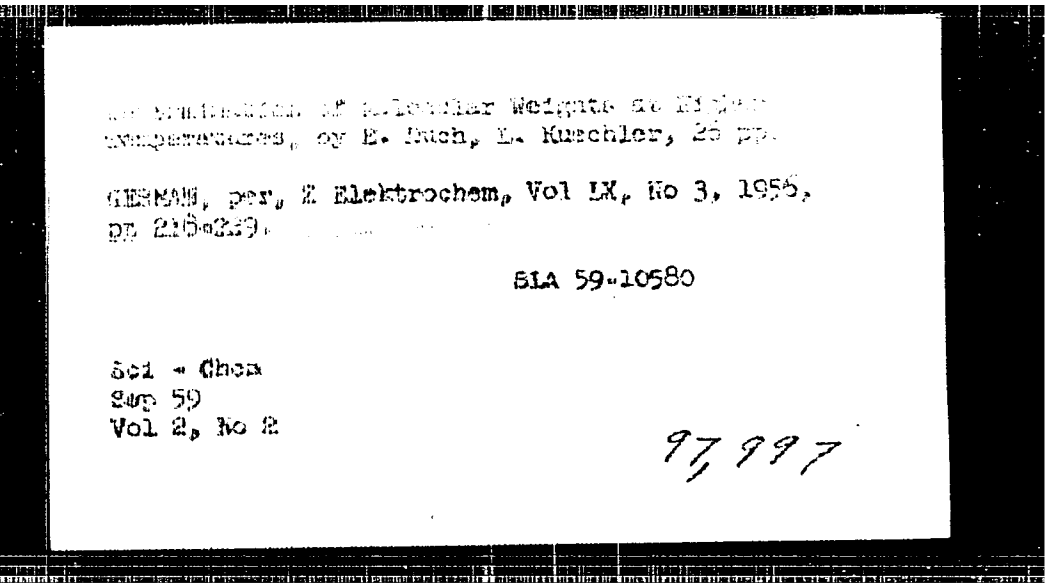

... Determination of Molecular Weights at High ...
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BIA 59-10580

Sci - Chem
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Vol 2, No 2

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7

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GERMAN, per, Z. Elektrochem., Vol LX, 1956, pp 229-236.

S.L.A. Tr No 57-67

Sci - Chemistry
Apr 57

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Plesch, P. H.
THE CHEMISM OF CATIONIC POLYMERIZATION.
18p 56refs
Order from SLA $1.60 TT-64-16327

Trans. of Zeitschrift fur Elektrochemie (West Germany) 1956, v. 60 [no. 3] p. 325-333.

(Chemistry--Physical, TT, v. 12, no. 4)

TT-64-16327

1. Plesch, P. H.

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7

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Feitknecht, W. and Buser, W.
LABELING OF SOLIDS WITH RADIOACTIVE INDICATORS. [Paper presented] to the Main Assembly of the German Bunsen Society for Physical Chemistry e.V. (no. 55) Freiburg in Br., 11 May 56. 13 p (11 figs omitted) 25refs
Order from SLA $1.60 TT-64-16504

Trans. of Z[eitschrift] für Elektrochemie (West Germany) 1954, v. 60 [no. 8] p. 789-796.

(Nuclear Physics and Nuclear Chemistry, TT, v. 12, no. 4)

TT-64-16504

I. Feitknecht, W.
II. Buser, W.
III. Title: German ...

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7

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Color Coupling Reaction of p-Aminodimethylaniline, by J Eggers and H. Frieser.

GERMAN, per, Z. Elektrochem, Vol LX, No 4, 1956, pp 372-376.

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Aug 58

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SLA Tr 1677

Jan 1957

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Apr 1957

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Sci-Phys
Dec 64

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Roeder, Alfred and Morawietz, Wilhelm
INVESTIGATION ON THE OCCURRENCE OF COMPOUND MOLECULES IN VAPOR OF POTASSIUM AMALGAM MELTS, III - IV [EXCERPTS]. [1963] 12p (figs tables omitted)
Order from SLA $1.60 TT-63-18820

Partial trans. (p. 449-453) of Zeitschrift für Elektrochemie (West Germany) 1956, v. 60 [no. 5] p. 451-454.

DESCRIPTORS: *Potassium alloys, *Mercury alloys, Melting, Molecular weight, Vapor pressure, Intermetallic compounds, Electrochemistry.

(Chemistry--Physical, TT, v. 11, no. 5)

TT-63-18820

I. Roeder, A.
II. Morawietz, W.

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250018-7

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Drossbach, P. and Rossberger, E.
THE ELECTROLYSIS OF POTASSIUM TITANIUM FLUORIDE IN MOLTEN MIXTURES WITH POTASSIUM CHLORIDE-SODIUM CHLORIDE. [1962] 12p.
Order from K-H $15.00 K-H 5408

Trans. of Zeitschrift für Elektrochemie (West Germany) 1956, v. 60, no. 5, p. 470-473.

DESCRIPTORS: *Electrolysis, *Potassium compounds, *Titanium compounds, *Fluorides, Mixtures, *Sodium compounds, *Chlorides.

CFSTI-TT-64-16764

(Chemistry--Physical, TT, v. 9, no. 10)

63-12925

I. Drossbach, P.
II. Rossberger, E.
III. K-H-5408
IV. Kresge-Hooker Science Library Associates. Detroit, Mich.

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On the Elimination of Resistance Overvoltage in Wire Electrodes by the Method of Distance Variation, by M. Breiter, Th. Guggenberger.
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AEC UCRL-tr-1306-L

Sci/Electronics
Jun 66

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Galvanic Cells with Sulphide Electrodes, by
K. Vrabetz.
GERMAN, per, Z. Elektrochem. Vol 60, 1956,
pp 722-731.
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Investigation into the Electrochemical Behavior of O_2-H_2O_2-H_2O, by D. Winkelmann, 24 pp.

GERMAN, Z Elektrochem, Vol LX, No 7, 1956, pp 731-740.

SLA 57-3453

Sci
Apr 59

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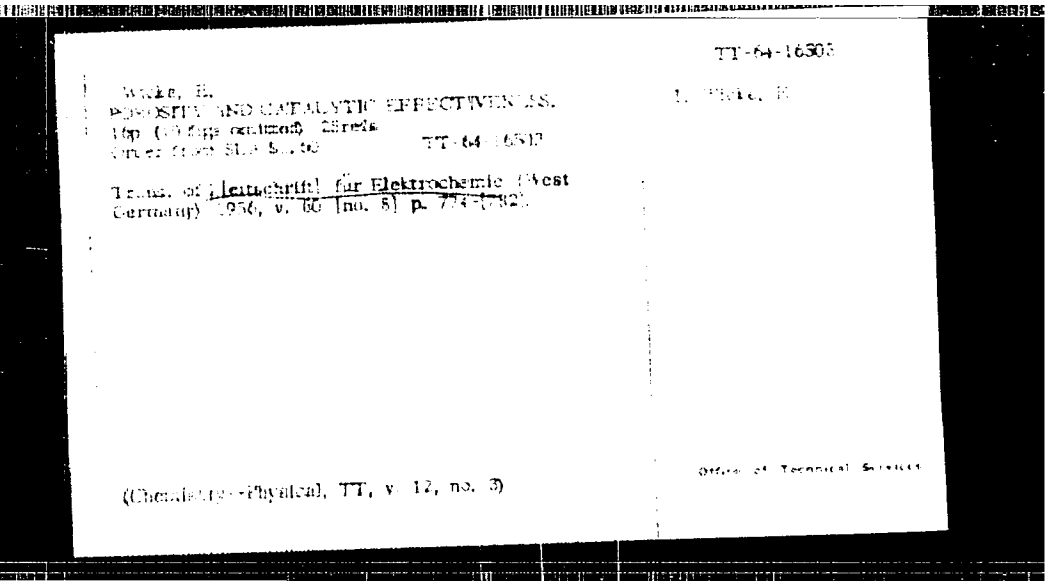

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(Chemistry-Physical), TT, v. 12, no. 3)

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Seifert, H.
STRUCTURE DIRECTED ADSORPTION OF ORGANIC MOLECULES ON QUARTZ SURFACES. [Paper presented at] the 55th Meeting of the German Bunsen Society for Physical Chemistry, Freiburg, 12 May 56. 9p (12 figs omitted) 14refs.
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(Chemistry--Physical, TT, v. 12, no. 5)

TT-64-16886

I. Seifert, H.
II. Title: German ...

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Schwab, G. M. and Krabetz, R.
KINETICS OF AMMONIA DECOMPOSITION ON IRON.
[Paper presented at the 55th Meeting of the German Bunsen Society for Physical Chemistry [Freiburg] 12 May 56. 7p (5 figs omitted) 12refs.
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(Chemistry--Physical, TT, v. 12, no. 5)

TT-64-16885

I. Schwab, G. M.
II. Krabetz, R.
III. Title: German ...

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Peters, Cl. and Krabetz, R.
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TT-64-16898

I. Peters, C.
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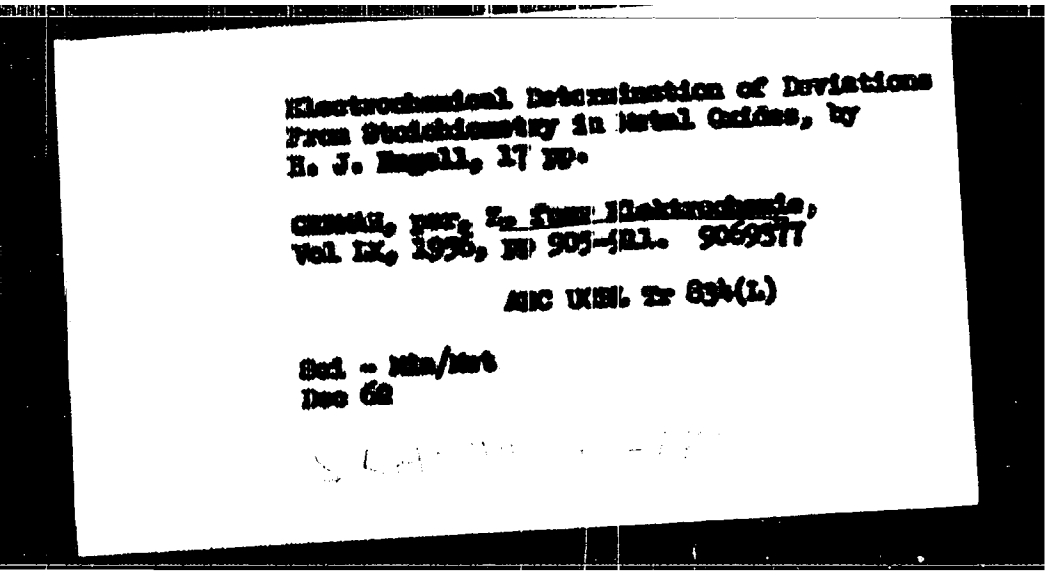

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I. Block, J.
II. Choa, H.

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ON THE ACTION MANNER OF SALT CATALYSTS AT THE SEPARATION OF HYDROGEN CHLORIDE FROM ALKYL CHLORIDES. 12p (8 figs omitted) 24refs.
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ON REACTIONS OF CATALYTIC DECOMPOSITION OF PARTIALLY DEUTERATED ETHYL ALCOHOLS. 16p (6 figs omitted) 22refs.
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DESCRIPTORS: *Reaction kinetics, *Chlorine compounds, Dioxides, *Nitrogen compounds, Chemical reactions, Phase studies, Molecular association, Spectrographic analysis, Photochemistry.

(Chemistry--Physical, TT, v. 10, no. 1)

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I. Martin, H.
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(Chemistry--Physical, TT, v. 12, no. 5)

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I. Beckey, H. D.
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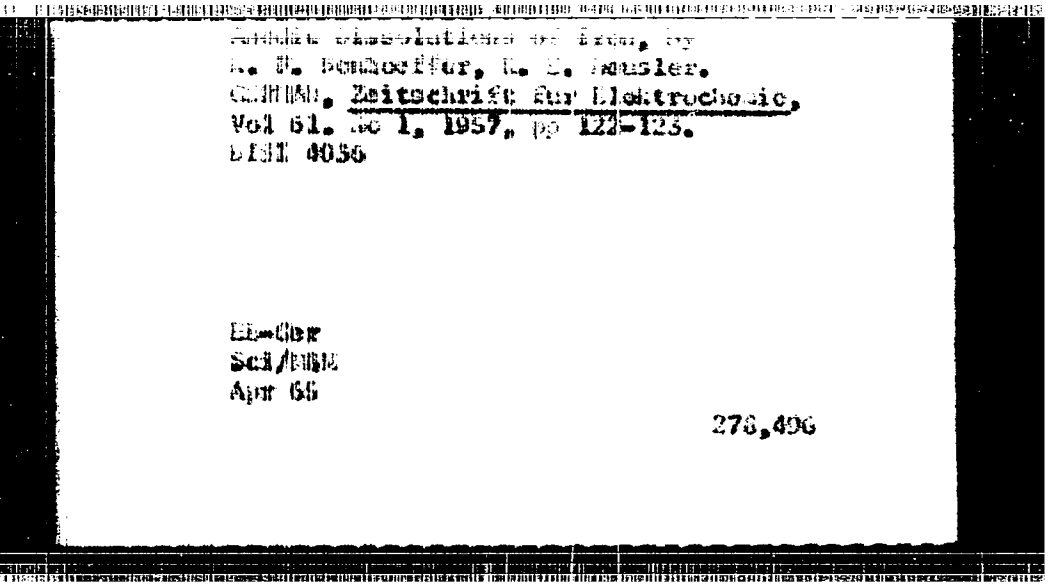

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Tr 101
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Sci - Chem

Feb 62

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Aug 60

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Haul, R. A. and Swart, E. R.
STEPWISE ADSORPTION OF KRYPTON ON IRON CRYSTALS. [1961] [10]p. (5 figs. [footnotes] omitted). Order from SLA $1.10 61-18902

Trans. of Zeitschrift für Elektrochemie (West Germany) 1957, v. 61 [no. 3] p. 380-384.

DESCRIPTORS: *Magnetite, *Iron, *Magnesium compounds, *Oxides, *Crystals, Adsorbents, *Krypton, Adsorption.

We investigated, in addition to nitrogen adsorption, adsorption of krypton particularly suitable for the determination of small adsorption surface areas, using the conventional method of Braunauer, Emmett and Teller. It has been found that the adsorption isotherms exhibited exceptionally marked breaks on iron surfaces which did not have any promotor additions. Iron crystals were made, similarly to iron catalysts, by the reduction of pure synthetic magnetite. (Author)

61-18902

I. Haul, R. A.
II. Swart, E. R.

(Chemistry--Physical, TT, v. 6, no. 10)
Office of Technical Services

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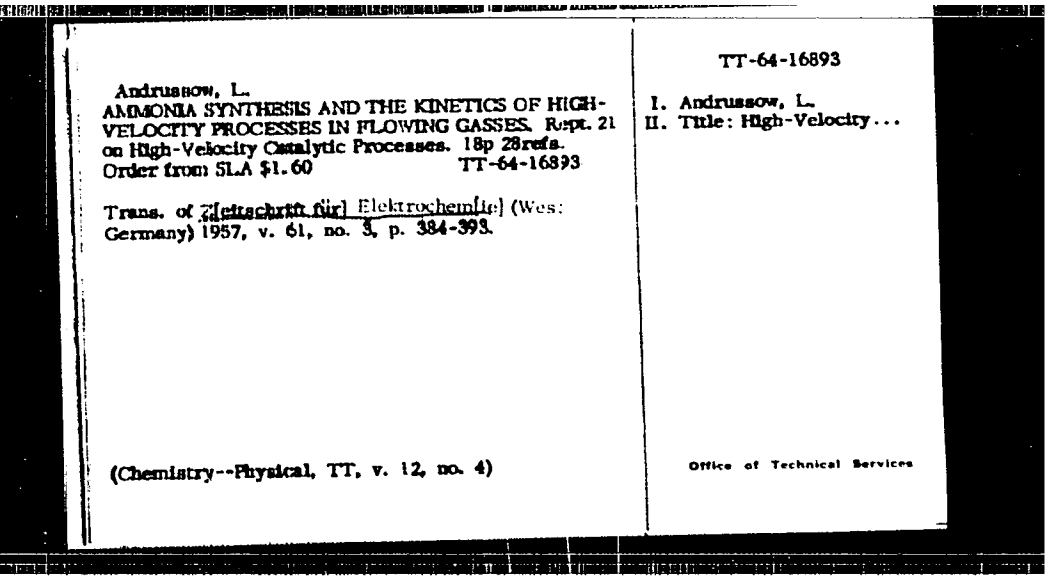

Andrussow, L.
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Order from SLA $1.60 TT-64-16893

Trans. of Zeitschrift für Elektrochemie (West Germany) 1957, v. 61, no. 3, p. 384-393.

(Chemistry--Physical, TT, v. 12, no. 4)

TT-64-16893

I. Andrussow, L.
II. Title: High-Velocity...

Office of Technical Services

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ASTIA-694410

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The Effect of Organic Solvents on the Wave Height and the Half-Wave Potential of Organic Depolarizers, by K. Schwabe, 11 pp.
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TT-65-13437 Field 7D

Matsuda, H.
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I. Title: General ...

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Picatinny Arsenal
Req. 128-71

R-1317l-P
10 May 1971

Gleichgewichtseinstellung in Oxidationsketten.

By Von Th. Just and H. Gg. Wagner

From: Z. Elektrochem. Vol. 61, pp. 678-685. (1957).

Language: German

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The Investigation of Oxygen-Coated Silver and Platinum by Potential Measurements and Charging Curves, by G. Heblein. UNCLASSIFIED

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RAE Tr 727

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S. Steeb, et al, 5 pp.
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